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USES OF OUTER SPACE

# UNITED NATIONS PROGRAMME ON SPACE APPLICATIONS AND THE COORDINATION OF SPACE ACTIVITIES WITHIN THE UNITED NATIONS SYSTEM

## List of the activities sponsored by the United Nations Programme on Space Applications from 1971 to 1997

***Report by the Secretariat***

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## EXPLANATORY NOTES

### Secretariat units, bodies and specialized agencies

| | |
|---|---|
| UNEP | United Nations Environment Programme |
| ECE | Economic Commission for Europe |
| ECAFE | Economic Commission for Asia and the Far East |
| ESCAP | Economic and Social Commission for Asia and the Pacific (formerly ECAFE) |
| ECLAC | Economic Commission for Latin America and the Caribbean |
| ECA | Economic Commission for Africa |
| ECWA | Economic Commission for Western Asia |
| ESCWA | Economic and Social Commission for Western Asia (formerly ECWA) |
| UNDRO | Office of the United Nations Disaster Relief Coordinator |
| UNDP | United Nations Development Programme |
| FAO | Food and Agriculture Organization of the United Nations |
| UNESCO | United Nations Educational, Scientific and Cultural Organization |
| WMO | World Meteorological Organization |

### Other entities

| | |
|---|---|
| AIAA | American Institute of Aeronautics and Astronautics |
| BITS | Swedish Board for Investment and Technical Support (now called the Swedish International Development Cooperation Agency (SIDA) |
| CEC | Commission of the European Communities |
| CIESIN | Consortium for International Earth Science Information Network |
| CNES | Centre national d'études spatiales (France) |
| CNIE | Comisión Nacional de Investigaciones Espaciales (Argentina) |
| CONAE | Comisión Nacional de Actividades Espaciales (Argentina) |
| CONIDA | Comisión Nacional de Investigación y Desarrollo Aeroespacial (Peru) |
| COSPAR | Committee on Space Research |
| DARA | German Space Agency |
| DLR | German Aerospace Research Establishment |
| EOSAT | Earth Observation Satellite Company |
| ERIM | Environmental Research Institute of Michigan |
| ERSI | Environment and Remote Sensing Institute (Zimbabwe) |
| ESA | European Space Agency |
| IAF | International Astronautical Federation |
| IASD/STAJ | International Space Affairs Division of the Science and Technology Agency of Japan |
| ICTP | International Centre for Theoretical Physics |
| IMC | Instituto Mexicano de Comunicaciones |
| Inmarsat | International Mobile Satellite Organization |
| INPE | Brazilian National Space Research Institute |
| INTA | Instituto Nacional de Técnica Aeroespacial (Spain) |
| IOMAC | Indian Ocean Marine Affairs Cooperation |
| ISPRS | International Society for Photogrammetry and Remote Sensing |
| ISRO | Indian Space Research Organization |
| LAPAN | National Institute of Aeronautics and Space (Indonesia) |
| NAMRIA | National Mapping and Resources Information Authority (Philippines) |
| NASA | National Aeronautics and Space Administration (United States of America) |
| NOAA | National Oceanic and Atmospheric Administration (United States of America) |

| | |
|---|---|
| NRSA | National Remote Sensing Agency (India) |
| NRSC | Israeli National Committee on Space Research |
| ONEMI | Oficina Nacional de Emergencia del Ministerio del Interior (Chile) |
| OTE | Hellenic Telecommunications Organization |
| RCSSMRS | Regional Centre for Surveying Services, Mapping and Remote Sensing |
| SSCSatellitbild | Swedish Space Cooperation |
| TPS | The Planetary Society |
| UNAM | Universidad Nacional Autónoma de México |
| USGS | United States Geological Survey |

## INTRODUCTION

1. The United Nations Programme on Space Applications was established in response to General Assembly resolution 2601 A (XXIV) of 16 December 1969, in which the General Assembly approved the recommendation of the Committee on the Peaceful Uses of Outer Space (COPUOS) that the Secretary-General assess the requirements for promoting international cooperation for the peaceful uses of outer space. The Programme is implemented by the Office for Outer Space Affairs.

2. The General Assembly, in its resolution 37/90 of 10 December 1982, took into account the recommendations of the Second United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE 82), held at Vienna in 1982, and expanded the mandate of the Programme to include, in particular, the following elements: provision of assistance in the development of indigenous capability at the local level; provision of long-range fellowships for in-depth training; provision of technical advisory services to Member States, specialized agencies and regional institutions upon request; organization of regional and international workshops, training courses, seminars, expert meetings, conferences, and symposia for the benefit of specialists, educators, managers, and decision makers in order to enhance their technical capabilities as well as keep them abreast of ongoing developments in the discipline; acquisition and dissemination of space-related information; and promotion of greater cooperation between developed and developing countries, as well as among developing countries.

3. The goal of the Programme is to strengthen international cooperation and the widest possible exchange of information related to space science and technology and their applications, for the benefit of Member States, in particular developing countries. The activities of the Programme focus on space science and technology and its applications that could benefit Member States at all stages of economic, social and cultural development. In recent years, the Programme has increased its focus on education and research in space science and technology and its applications to stimulate the growth of indigenous capability in this field in developing countries.

4. Following the recommendations of UNISPACE 82, the Programme on Space Applications focused its attention on how to translate the elements of the expanded mandate of the Programme into operational activities through workshops, training courses, seminars, expert meetings, conferences, symposia, and technical advisory services. Those activities are an important element in the efforts of the Programme to promote international cooperation in the peaceful uses of outer space and to enhance the capability of countries to utilize space technology for their national development.

5. In order to respond effectively to the needs of the international community, the promotion of the practical applications of space technology, including remote sensing, satellite communications, satellite meteorology and space and atmospheric sciences, is tailored to enable developing countries to gain a better understanding and appreciation of the potential benefits that could be derived from space technology.

6. The activities undertaken annually by the Programme also address specific regional needs and concerns of Member States. Many of those activities have thus been organized for the benefit of States members of the following regional commissions of the Economic and Social Council: Economic Commission for Europe (ECE); Economic and Social Commission for Asia and the Pacific (ESCAP); Economic Commission for Latin America and the Caribbean (ECLAC); Economic Commission for Africa (ECA); and Economic and Social Commission for Western Asia (ESCWA).

7. Through the Programme, the Office for Outer Space Affairs assists Member States, *inter alia*, in developing their indigenous capability in space science and technology and their applications, in order to create and enhance national capabilities needed to benefit from space science and technology. By developing those

skills and capabilities, as well as facilitating and increasing the participation of the States concerned in national, regional and international forums on space science and technology, the Programme also promotes the development of developing countries.

8. In this regard, the areas covered are remote sensing applications, satellite communications, meteorological satellite applications, and space and atmospheric sciences.

## I. METHODOLOGY

9. The present report was prepared by the Space Applications Section of the Office for Outer Space Affairs. It is intended to serve as a reference document providing Member States with an overview of the activities sponsored by the Programme from 1971 through 1997.

10. The report has been compiled from the annual reports of the United Nations Expert on Space Applications and the individual annual reports on the activities sponsored by the Programme from 1971 through 1997.

11. The objective of the report is to provide Member States, through its annex, with a summary of the steps taken by the Programme towards the following ends:

(a) Translating the recommendations of UNISPACE 82 into operational activities from 1971 through 1997;

(b) Focusing on the promotion of education, public awareness and training in order to stimulate the growth of indigenous capabilities in space science and technology and their applications for the benefit of specialists, educators, managers and decision makers from developing countries;

(c) Providing opportunities to interested Member States to increase their awareness of the benefits that can be derived from the applications of space technology, in particular in promoting sustainable development.

12. In view of the preparatory work towards the convening of the Third United Nations Conference on the Exploration and Peaceful Uses of Outer Space (UNISPACE III), and in order to provide Member States with a reference document on the activities sponsored by the Programme, the Office for Outer Space Affairs is providing the information in a table format. The information on the activities sponsored by the Programme between 1971 and 1997 is provided in the annex and includes the following: year of activity, date, type of activity, title, place of activity, co-sponsors, region of impact, number of participants attending the activity and the document symbol of the full report of the activity. There are two categories of participants: participants from developing countries funded by the Programme and other co-sponsors; and the total number of participants, which includes funded, non-funded international and local participants.

## II. CONCLUSION

13. In implementing the recommendations of UNISPACE 82, the table shows the increasing attention devoted by the Programme to education and research. There has also been an increase in the total yearly number of activities sponsored by the Programme, including, since 1982, the number of workshops and training courses, whereas the number of seminars, expert meetings, symposia and conferences has decreased.

14. To create and enhance national capabilities needed to benefit from space science and technology and its applications, most of the activities have concentrated on the following areas, listed in terms of the frequency

of requests and the priority given by Member States: remote sensing applications, satellite communications, meteorological satellite applications and space and atmospheric sciences.

15. To adjust the scope of activities organized by the Programme and to determine whether a particular type of activity effectively contributes to the development of capabilities in developing countries, the representatives of the Office for Outer Space Affairs have usually urged participants to communicate regularly with it, as well as with the co-sponsors of each activity, to assess the effectiveness of the activities concerned in enhancing indigenous capabilities in terms of the quality, quantity and productivity of the scientific and technical education of national specialists. A summary of statistics on selected activities of the Programme from 1983 to 1991 is given in the report of the United Nations Expert on Space Applications contained in document A/AC.105/595. In this connection, the results of the impact of the United Nations/Sweden Training Courses on Remote Sensing Education for Educators held in 1990, 1992 and 1993 are covered in document A/AC.105/616.

16. Through enhancing the ability of all countries to utilize space technology and its applications, the main goal of the Programme is to promote international cooperation in the peaceful uses of outer space and to expand the contribution of space technology to national development.

17. The present report, which is intended to serve as a reference document, provides Member States with a summary of the activities sponsored by the Programme from 1971 through 1997. A total of 143 activities have been organized by the Programme, with approximately 7,500 participants.

18. As developing countries prepare to meet their commitment to the goals of UNISPACE III, a renewed emphasis will need to be placed on educating individuals in emerging space-related fields and strengthening the capabilities of Member States, in particular developing countries, in the applications of space science and technology for economic, social and cultural development. A summary of those activities which have an impact on environmental and sustainable development issues is given in the report of the United Nations Expert on Space Applications contained in document A/AC.105/693.

19. The Programme remains available to assist Member States in exploring activities that demonstrate how space science and technology and their applications can be used to address their local needs, particularly in such areas as remote sensing, satellite communications, meteorological satellite applications and space and atmospheric sciences.

20. To assist developing countries in their efforts to take advantage of the many practical benefits offered by space science and technology and their applications, the Programme will need to expand its activities aimed at developing the capabilities of those countries in the fields of environmental monitoring and sustainable development and promoting the utilization of the technologies involved for economic, social and cultural development. Such an approach will foster mutual understanding between the participants and educators, scientists and policy makers whose interests might be articulated by governmental and non-governmental organizations. The Office, through the Programme, is playing and will continue to play an instrumental role in this endeavour.

*Annex*

## SUMMARY OF ACTIVITIES OF THE UNITED NATIONS PROGRAMME ON SPACE APPLICATIONS: 1971-1997*

| *No.* | *Year* | *Date* | *Type of event* | *Title of event* | *Place of event* | *Co-sponsors* | *Region of impact* | *Number of participants* F/T* | *United Nations document symbol* |
|---|---|---|---|---|---|---|---|---|---|
| 1. | 1971 | 3 - 14 May | Expert Meeting | UN Panel Meeting on Remote Sensing Systems for Earth Resource Surveys | Ann Arbor, Michigan, USA | NASA, Govt. of USA | Global | T: 35 | A/AC.105/92 |
| 2. | | 29 Nov. - 10 Dec. | Expert Meeting | UN Panel Meeting on the Establishment and Implementation of Research Programmes | São José dos Campos, Brazil | INPE, Govt. of Brazil | Global | T: 136 | A/AC.105/98 |
| 3. | 1972 | 29 Nov. - 8 Dec. | Seminar | Panel and Training Seminar on Uses of Meteorological Satellite Data (with special emphasis on tropical areas) | Mexico City, Mexico | Govt. of Mexico WMO | ECLAC | F: 27 | A/AC.105/113 |
| 4. | | 12 - 20 Dec. | Expert Meeting | Panel Meeting on Satellite Instructional Television Systems | New Delhi, Ahmedabad, India | Govt. of India, ISRO | ECAFE ECA | T: 128 | A/AC.105/114 |
| 5. | 1973 | 22 - 31 Oct. | Seminar | Regional Seminar on Satellite Broadcasting Systems for Education and Development | Addis Ababa, Ethiopia | Govt. of Ethiopia UNESCO | ECA | T: 31 | A/AC.105/120 |
| 6. | | 3 - 7 Dec. | Expert Meeting | Panel Meeting on the Applications of Remote Sensing of Earth Resources | Buenos Aires, Argentina | Govt. of Argentina | ECLAC | F: 17<br>T: 25 | A/AC.105/121 |
| 7. | 1974 | 26 Feb. - 7 March | Expert Meeting | Panel Meeting on Satellite Broadcasting Systems for Education and Development | Tokyo, Japan | Govt. of Japan | ESCAP | T: 103 | A/AC.105/128 |

*Notes:* F: funded participants from developing countries.
T: total number of participants, including funded, non-funded, international and local.
No figure means that the number of participants could not be specified.

*The data are reproduced in the form in which they were received.

| *No.* | *Year* | *Date* | *Type of event* | *Title of event* | *Place of event* | *Co-sponsors* | *Region of impact* | *Number of participants* F/T* | *United Nations document symbol* |
|---|---|---|---|---|---|---|---|---|---|
| 8. | | 4 - 16 Sept. | Seminar | Regional Seminar on Earth Resources and Environment | Cairo, Egypt | FAO | ECA ESCWA | F: 32<br>T: 121 | A/AC.105/136 |
| 9. | | 4 - 14 Nov. | Seminar | Interregional Seminar on the Applications of Geodetic and Remote Sensing Data for Cartography (surveying and mapping) | São José dos Campos, Brazil | Govt. of Brazil Centre of Research for Int'l Dev. (Canada) | Global | F: 19<br>T: 78 | A/AC.105/141 |
| 10. | 1975 | 12 - 30 May | Seminar | Interregional Technical Seminar on Remote Sensing Applications | Guelph, Ottawa, Canada | Govt. of Canada, UNESCO | Global | F: 21<br>T: 34 | A/AC.105/159 |
| 11. | | 2 - 11 Sept. | Seminar | Regional Seminar on Satellite Broadcasting System for Education and Development | Mexico City, Mexico | UNESCO | ECLAC | F: 12<br>T: 58 | A/AC.105/160 |
| 12. | | 6 - 17 Oct. | Seminar | Regional Training Seminar on the Interpretation, Analysis and Use of Meteorological Satellite Data | Nairobi, Kenya | WMO | ECA | F: 23<br>T: 56 | A/AC.105/161 |
| 13. | | 19 -28 Nov. | Seminar | Regional Seminar on Remote Sensing Applications | Jakarta, Indonesia | FAO, LAPAN, COSPAR | ESCAP | F: 14<br>T: 51 | A/AC.105/162 |
| 14. | 1976 | 16 - 28 Jan. | Training Course | Satellite Instructional Television of Experiment (SITE) Winter School | New Delhi, India | UNESCO, ISRO | Global | F: 12<br>T: 12 | A/AC.105/177 |
| 15. | | 22 July - 10 Aug. | Seminar | Training Seminar on Application of Remote Sensing for Natural Resources Survey, Planning and Development | Reading, United Kingdom | FAO, UNESCO | Global | F: 24<br>T: 24 | A/AC.105/185 |
| 16. | | 9 - 20 Aug. | Seminar | Training Seminar on Remote Sensing Applications | Lenggries, Federal Rep. of Germany | Govt. of Federal Rep. of Germany FAO, UNESCO | Global | F: 20<br>T: 29 | A/AC.105/186 |
| 17. | | 27 Sept - 16 Oct. | Workshop | Training Workshop on Remote Sensing Applications | Anaheim, California, USA | IAF, AIAA | Global | F: 25<br>T: 30 | A/AC.105/184 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
|---|---|---|---|---|---|---|---|---|---|
| 18. | | 25 Oct.- 12 Nov. | Training Course | International Training Course on Remote Sensing Applications | Rome, Italy | Govt. of Italy, FAO, UNESCO | ECA | F: 18<br>T: 18 | A/AC.105/187 |
| 19. | 1977 | 17 - 28 Jan. | Seminar | Training Seminar on Remote Sensing Applications in Agriculture | Karachi, Pakistan | Govt. of Pakistan UNESCO | ESCAP, ECWA | T: 44 | A/AC.105/194 |
| 20. | | 25 April- 13 May | Training Course | Second UN International Training Course in Remote Sensing Applications for Agriculture, Crop Statistics and Agricultural Census | Rome, Italy | Govt. of Italy FAO, UNESCO | Global | F: 17<br>T: 17 | A/AC.105/198 |
| 21. | | 3 - 19 Oct. | Seminar | Training Seminar on Remote Sensing Applications | Baku, USSR | Govt. of USSR UNDRO, UNEP,UNESCO | Global | F: 27<br>T: 27 | A/AC.105/208 |
| 22. | | 31 Oct. - 5 Nov. | Expert Meeting | Panel Meeting on Satellite Instructional Television Experiment by India | Ahmedabad, India | Govt. of India UNESCO, ISRO, | Global | T: 20 | A/AC.105/209 |
| 23. | | 1 - 9 Dec. | Seminar | Training Seminar on the Applications of Satellite Remote Sensing | La Paz, Bolivia | Govt. of Bolivia FAO, UNESCO | ECLAC | F: 23<br>T: 28 | A/AC.105/210 |
| 24. | | 15 May- 2 June | Training Course | Third International Training Course on the Applications of Remote Sensing Techniques to Tropical Forestry | Rome, Italy | Govt. of Italy FAO | Global | F: 16<br>T: 20 | A/AC.105/222 |
| 25. | | 4 - 16 Sept. | Seminar | Training Seminar on Remote Sensing Applications | Nairobi, Kenya | Govt. of Kenya, Govt. of Sweden, FAO, UNEP | ECA | F: 18<br>T: 29 | A/AC.105/227 |
| 26. | | 2 - 11 Oct. | Seminar | Regional Seminar on the Use of Satellite Technology for Disaster Applications | São José dos Campos, Brazil | Govt. of Brazil UNDRO, UNESCO | ECLAC | F: 12<br>T: 18 | A/AC.105/228 |
| 27. | | 23 Oct. - 2 Nov. | Seminar | Training Seminar on the Interpretation, Analysis and Uses of Meteorological Satellite Data | Tokyo, Japan | Govt. of Japan WMO | ESCAP, ECWA | F: 12<br>T: 32 | A/AC.105/229 |
| 28. | | 6 - 24 Nov. | Seminar | Regional Training Seminar on Remote Sensing Applications for Agricultural Resources | Dehra Dun, Ahmedabad, Hyderbad, India | Govt. of India, FAO, ISRO, NRSA | ESCAP, | F: 11<br>T: 31 | A/AC.105/230 |

| *No.* | *Year* | *Date* | *Type of event* | *Title of event* | *Place of event* | *Co-sponsors* | *Region of impact* | *Number of participants* F/T* | *United Nations document symbol* |
|---|---|---|---|---|---|---|---|---|---|
| 29. | 1979 | 14 May - 1 June | Training Course | Fourth Training Course on the Applications of Remote Sensing Techniques to Fisheries | Rome, Italy | Govt. of Italy FAO, | Global | F: 20<br>T: 20 | A/AC.105/253 |
| 30. | | 5 - 23 Nov. | Seminar | Regional Training Seminar on Remote Sensing Applications | Ibadan, Nigeria | Govt. of Nigeria FAO | ECA | F: 15<br>T: 35 | A/AC.105/254 |
| 31. | | 5 - 28 Nov. | Training Course | Training Course on Remote Sensing Applications | Buenos Aires, Argentina | Govt. of Argentina, CNIE | ECLA | F: 14<br>T: 26 | A/AC.105/255 |
| 32. | | 1- 11 Dec. | Seminar | Training Seminar on Remote Sensing Applications | Damascus, Syrian Arab Republic | Govt. of Syrian Arab Republic | ECWA | F: 11<br>T: 57 | A/AC.105/256 |
| 33. | 1980 | 9 - 23 Jan. | Seminar | Regional Training Seminar on Remote Sensing Applications for Agriculture, Rangeland and Hydrology | Ouagadougou, Upper Volta | Govt. of Upper Volta Ouagadougou Regional RS Centre | ECA | F: 10<br>T: 27 | A/AC.105/281 |
| 34. | | 19 May - 6 June | Training Course | Fifth International Training Course on Remote Sensing Applications to Water Resources and Hydrology | Rome, Italy | Govt. of Italy FAO, UNESCO | Global | F: 20<br>T: 22 | A/AC.105/280 |
| 35. | | 15 - 20 Sept. | Seminar | Seminar on Remote Sensing Applications to Land Use Planning | Tokyo, Japan | IASD/SIAJ | ESCAP | F: 17 | A/AC.105/283 |
| 36. | | 7 - 17 Oct. | Seminar | Regional Training Seminar on Remote Sensing Applications for Land Resources | Athens, Greece | Govt. of Greece FAO | ECWA, Mediter-ranean region | F: 8<br>T: 27 | A/AC.105/282 |
| 37. | | 17 - 29 Nov. | Seminar | International Seminar on Remote Sensing Applications in Geology and Hydrology | Baku, USSR | Govt. of USSR, State Cmt. for S&T of Council of Ministers & Academy of Sc. of Azerbaijan, UNEP | Global | F: 18 | A/AC.105/284 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
|---|---|---|---|---|---|---|---|---|---|
| 38. | 1981 | 11 - 19 March | Seminar | Regional Seminar on Remote Sensing Applications & Satellite Communication for Education Development | Addis Ababa, Ethiopia | ECA | ECA | F: 18<br>T: 47 | A/AC.105/289 |
| 39. | | 7 - 14 April | Seminar | Regional Seminar on Remote Sensing Applications and Satellite Communication for Education and Development | Buenos Aires, Argentina | Govt. of Argentina | ECLAC | F: 18<br>T: 90 | A/AC.105/290 |
| 40. | | 21 - 25 April | Seminar | Regional Seminar on Remote Sensing Applications and Satellite Communications for Education and Development | Toulouse, France | Govt. of France CNES | Global | T: 56 | A/AC.105/292 |
| 41. | | 27 April - 15 May | Training Course | Sixth International Training Course on Remote Sensing Applications to Pasture and Rangeland Development | Rome, Italy | Govt. of Italy FAO | Global | F: 19<br>T: 23 | A/AC.105/296 |
| 42. | | 16 - 26 Sept. | Seminar | Regional Training Seminar on Remote Sensing Applications for Land Resources | Sofia, Bulgaria | Govt. of Bulgaria, Academy of Sciences, FAO | ECWA, Mediter-ranean region | F: 11<br>T: 19 | A/AC.105/295 |
| 43. | | 18 - 25 Nov. | Seminar | Regional Seminar on Remote Sensing Applications and Satellite Communications for Education and Development | Jakarta, Indonesia | Govt. of Indonesia | ESCAP | F: 26<br>T: 172 | A/AC.105/300 |
| 44. | 1982 | 14 - 18 June | Seminar | Interregional Seminar on Space Applications in Preparation for UNISPACE 82 | Addis Ababa, Ethiopia | ECA, ECWA | ECA, ECWA | F: 20<br>T: 33 | A/AC.105/306 |
| 45. | | 19 - 23 April | Seminar | Regional Seminar on Space Applications in Preparation for UNISPACE 82 | Quito, Ecuador | Govt. of Ecuador | ECLA | F: 20<br>T: 62 | A/AC.105/307 |
| 46. | | 30 Aug. - 17 Sept. | Training Course | Seventh International Training Course on the Applications of Satellite Remote Sensing to Thematic Mapping with Special Reference to Land Use | Rome, Italy | Govt. of Italy FAO | Global | F: 21<br>T: 21 | A/AC.105/312 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
|---|---|---|---|---|---|---|---|---|---|
| 47. | 1983 | 2 - 6 May | Seminar | Regional Seminar on Space Applications Focusing on the Implementation of the Recommendations of UNISPACE 82 | São José dos Campos, Brazil | Govt. of Brazil INPE | ECLAC | F: 17<br>T: 68 | A/AC.105/321 |
| 48. | | 30 May - 3 June | Seminar | Regional Seminar on Space Applications Focusing on the Implementation of the Recommendations of UNISPACE 82 | Bangkok, Thailand | ESCAP | ESCAP | F: 20<br>T: 20 | A/AC.105/322 |
| 49. | | 4 - 8 July | Seminar | Interregional Seminar on Space Applications Focusing on the Implementation of the Recommendations of UNISPACE 82 | Addis Ababa, Ethiopia | Govt. of Ethiopia | ECA, ECWA | F: 17<br>T: 18 | A/AC.105/326 |
| 50. | | 11 - 29 July | Seminar | First International Seminar on the Application of Remote Sensing to Operational Agro-Meteorology in Semi-arid Countries | Niamey, Niger | WMO, ESA, FAO | ECA, ECWA | F: 20<br>T: 22 | A/AC.105/328 |
| 51. | | 19 Sept. - 7 Oct. | Training Course | Eighth International Training Course on the Applications of Satellite Remote Sensing to Water Resources | Rome, Italy | Govt. of Italy FAO, UNESCO | Global | F: 21<br>T: 21 | A/AC.105/329 |
| 52. | 1984 | 7 - 11 May | Expert Meeting | International Meeting of Experts on Remote Sensing Information Systems | Feldafing & Oberpfaffen-hofen, FRG | Govt. of FRG ESA | Global | F: 28<br>T: 56 | A/AC.105/343 |
| 53. | | 21 May - 9 June | Training Course | Third International Training Course on Remote Sensing Applications to Forestry | Moscow, USSR | Govt. of USSR | Global | F: 24<br>T: 24 | A/AC.105/345 |
| 54. | | 23 - 25 May | Expert Meeting | Regional Meeting of Experts on Space Science and Technology and its Applications | Jakarta, Indonesia | Govt. of Indonesia | ESCAP | F: 6<br>T: 25 | A/AC.105/346 |
| 55. | | 10 - 28 Sept. | Training Course | Ninth International Training Course on the Applications of Remote Sensing to Aquaculture and Inland Fisheries | Rome, Italy | Govt. of Italy FAO | Global | F: 20<br>T: 22 | A/AC.105/347 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
|---|---|---|---|---|---|---|---|---|---|
| 56. | 1985 | 16 April - 2 May | Training Course | Second International Training Course on Remote Sensing Applications to Operational Agro-Meteorology and Hydrology | Nairobi, Kenya | Govt. of Sweden WMO, FAO, ESA | ECA, ECE, ESCWA | F: 25<br>T: 25 | A/AC.105/356 |
| 57. | | 6 - 31 May | Training Course | Tenth International Training Course on Remote Sensing Applied to Monitoring Forest Lands | Rome, Italy & Feldafing, the FRG | Gov. of Italy and Govt. of the FRG | Global | T: 20 | A/AC.105/357 |
| 58. | | 29 April - 10 May | Workshop | Workshop on Remote Sensing Instrumentation, Data Acquisition and Analysis | Sofia, Bulgaria | Govt. of Bulgaria | Global | F: 25 | A/AC.105/362 |
| 59. | | 20 - 31 May | Seminar | International Seminar on Satellite Communications | Moscow, USSR | Govt. of USSR | Global | F: 24<br>T: 24 | A/AC.105/361 |
| 60. | | 21 - 29 Oct. | Workshop | Workshop on Advances in Space Science and Technology and its Applications | Beijing, China | Govt. of China | Global | F: 13<br>T: 57 | A/AC.105/363 |
| 61. | | 4 - 8 Nov. | Workshop | Workshop on Space Science and Technology and its Applications Within the Framework of Educational Systems | Ahmedabad, India | Govt. of India ISRO | ESCAP | F: 17<br>T: 48 | A/AC.105/365 |
| 62. | 1986 | 5 - 30 May | Training Course | Eleventh International Training Course on Remote Sensing Applications in Agricultural Statistics | Rome, Italy & Montpellier, France | Govts. of France and Italy, FAO, | Global | F: 21<br>T: 22 | A/AC.105/376 |
| 63. | | 16 - 20 June | Expert Meeting | Meeting of Experts on Regional Co-operation in Space Science and Technology and its Applications. | Cartagena, Colombia | Govt. of Colombia | ECLAC | F: 16<br>T: 34 | A/AC.105/375 |
| 64. | | 15 - 19 Sept. | Expert Meeting | Regional Meeting of Experts on Space Technology Applications in the Indian Ocean Region | Colombo, Sri Lanka | Govt. of Sri Lanka | Global | F: 14<br>T: 57 | A/AC.105/374 |
| 65. | | 22 Sept. - 3 Oct. | Training Course | Training Course on Drought Assessment and Vegetation Monitoring Using Meteorological Satellite and Other Space Related Data | Maspalomas, Spain | Govts. of France and Spain, ESA, FAO | ECA | F: 17<br>T: 17 | A/AC.105/377 |

| *No.* | *Year* | *Date* | *Type of event* | *Title of event* | *Place of event* | *Co-sponsors* | *Region of impact* | *Number of participants* F/T* | *United Nations document symbol* |
|---|---|---|---|---|---|---|---|---|---|
| 66. | | 13 - 17 Oct. | Expert Meeting | Meeting of Experts on Space and Technology and its Applications Within the Framework of Educational Systems | Mexico City, Mexico | Govt. of Mexico | ECLAC | F: 14<br>T: 46 | A/AC.105/378 |
| 67. | | 21 Oct. - 7 Nov. | Training Course | Third International Training Course on Remote Sensing Applications to Operational Agro-Meteorology and Hydrology | Quito, Ecuador | Govt. of Ecuador WMO, FAO, ESA, | ECLAC | F: 17<br>T: 24 | A/AC.105/379 |
| 68. | 1987 | 27 April - 21 May | Expert Meeting | Meetings of Experts on Space Science and Technology and its Applications Within the Framework of Educational Systems | Lagos, Nigeria | Govt. of Nigeria | ECA | F: 16<br>T: 59 | A/AC.105/390 |
| 69. | | 11 - 30 May | Training Course | Twelfth International Training Course on the Applications of Remote Sensing to Marine Fisheries | Rome, Italy | Govt. of Italy FAO | Global | F: 22<br>T: 22 | A/AC.105/388 |
| 70. | | 3 - 15 June | Seminar | International Seminar on Space Communications | Moscow, USSR | Govt. of USSR | Global | F: 15<br>T: 15 | A/AC.105/391 |
| 71. | | 6 - 23 Oct. | Training Course | Training Course on Remote Sensing Applications to Geological Sciences | Dresden, Germany | German Democratic Republic | Global | F: 13<br>T: 13 | A/AC.105/393 |
| 72. | | 13 - 30 Oct. | Training Course | Fouth International Training Course on the Applications of Remote Sensing to Operational Agro-Meteorology and Hydrology | Jakarta, Indonesia | Govt. of Indonesia WMO, FAO, ESA, | ESCAP | F: 16<br>T: 24 | A/AC.105/392 |
| 73. | 1988 | 6 - 22 April | Training Course | Training Course on Applications of Remote Sensing and Agro-Meteorological Data to Drought Assessment and Vegetation Monitoring | Nairobi, Kenya | Govt. of France ESA, FAO, WMO, Regional Centre for Services in Surveying, Mapping & Remote Sensing, Nairobi | ECA, ESCWA | F: 21<br>T: 21 | A/AC.105/413 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
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| 74. | | 19 - 23 Sept. | Seminar | International Seminar on the Development and Applications of Satellite Communication Systems | Beijing, China | Govt. of China | ESCAP | F: 9<br>T: 30 | A/AC.105/416 |
| 75. | | 26 - 30 Sept. | Workshop | Workshop on Microwave Remote Sensing Technology | Bangkok, Thailand | Govt. of Thailand ESA | ESCAP | F: 11<br>T: 30 | A/AC.105/417 |
| 76. | | 12 Sept. - 7 Oct. | Training Course | Thirteenth International Training Course in the Applications of Remote Sensing to Water Resources | Sardinia & Rome, Italy | Govt. of Italy FAO, UNESCO | Global | F: 19<br>T: 19 | A/AC.105/414 |
| 77. | | 24 - 28 Oct. | Workshop | Workshop on Regional Space Information Systems | Lima, Peru | Govt. of Peru CONIDA | ECLAC | F: 17<br>T: 50 | A/AC.105/422 |
| 78. | 1989 | 8 - 12 May | Expert Meeting | Meeting of Experts on Remote Sensing and Satellite Meteorology Applications to Marine Resources and Coastal Management | Maspalomas, Spain | Govt. of Spain UNDP, FAO, ESA | ECA | F: 42<br>T: 84 | A/AC.105/436 |
| 79. | | 15 May - 2 June | Training Course | Fifth International Training Course on the Use of Remote Sensing Systems in Hydrological and Agro-Meteorological Applications | Canberra, Australia | Govt. of Australia WMO, ESA | ESCAP | F: 19<br>T: 19 | A/AC.105/437 |
| 80. | | 26 - 30 June | Expert Meeting | International Meeting of Experts on the Development of Remote Sensing Skills and Knowledge | Dundee, Scotland, UK | Govt. of UK of Great Britain and Northern Ireland | Global | F: 14<br>T: 44 | A/AC.105/438 |
| 81. | | 25 Sept. - 6 Oct. | Workshop | Workshop on Oceonographic/Marine Space Information Systems | Karachi, Pakistan | Govt. of Pakistan IOMAC, UNESCO | Global | F: 27<br>T: 70 | A/AC.105/439 |
| 82. | | 25 Sept. - 6 Oct. | Training Course | Training Course on the Use of Remote Sensing Data in Agriculture Management | Moscow, USSR | Govt. of USSR | Global | F: 16<br>T: 16 | A/AC.105/440 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
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| 83. | | 5 - 22 Oct. | Training Course | Second Training Course on Remote Sensing Applications to Geological Sciences | Potsdam, GDR | Govt. of the German Democratic Republic | Global | F: 15<br>T: 19 | A/AC.105/441 |
| 84. | | 6 - 24 Nov. | Training Course | Fourteenth International Training Course on Remote Sensing Applications to Land Resources | Rome, Italy | Govt. of Italy FAO | Global | F: 23<br>T: 23 | A/AC.105/442 |
| 85. | 1990 | 14 May - 15 June | Training Course | International Training Course on Remote Sensing Education for Educators | Stockholm & Kiruna, Sweden | Govt. of Sweden | ECA | F: 25<br>T: 25 | A/AC.105/463 |
| 86. | | 26 - 30 March | Workshop | Workshop on Space Communications for Development | Havana, Cuba | Govt. of Cuba | ECLAC | F: 15<br>T: 57 | A/AC.105/469 |
| 87. | | 19 - 23 Nov. | Workshop | Workshop on Microwave Remote Sensing Technology | São José dos Campos, Brazil | Govt. of Brazil INPE, FAO, ESA | ECLAC | F: 19<br>T: 57 | A/AC.105/471 |
| 88. | 1991 | 30 April - 30 May | Workshop | First Workshop on Basic Space Science | Bangalore, India | Govt. of India, ISRO | ESCAP | F: 19<br>T: 87 | A/AC.105/489 |
| 89. | | 10 - 14 June | Workshop | Workshop on Microwave Remote Sensing Technology | Maspalomas, Spain | Govt. of Spain INTA, FAO, ESA | ECA, ESCWA | F: 17<br>T: 34 | A/AC.105/493 |
| 90. | | 23 - 27 Sept. | Workshop | Workshop on the Applications of Space Techniques to Combat Natural Disasters | Beijing, China | Govt. of China ESCAP, UNDRO | ESCAP | F: 17<br>T: 72 | A/AC.105/494 |
| 91. | | 9 Sept. - 4 Oct. | Training Course | International Training Course on Remote Sensing Applications for Environmental Assessment and Monitoring | Sioux Falls, South Dakota, USA | Govt. of USA., USGS, NASA, NOAA | Global | F: 23<br>T: 25 | A/AC.105/499 |
| 92. | | 7 - 25 Oct. | Training Course | Third International Training Course on Remote Sensing Applications to Geological Sciences | Potsdam, Berlin, Germany | Govt. of Germany, Carl Duisberg Society, Berlin, ESA | Global | F: 19<br>T: 19 | A/AC.105/495 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
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| 93. | | 7 - 25 Oct. | Training Course | Sixth Training Course on the Use of Visible, Infrared and Radar Sensor Systems in Hydrological and Agro-Meteorological Applications | Lima, Peru | Govt. of Peru CONIDA, WMO, ESA, | ECLAC | F: 18<br>T: 29 | A/AC.105/496 |
| 94. | 1992 | 9 - 13 March | Workshop | Workshop on Space Technology for Resource Development and Environmental Management | Quito, Ecuador | Govts. of Japan and Ecuador | ECLAC | F: 32<br>T: 98 | A/AC.105/525 |
| 95. | | 11 May - 12 June | Training Course | Second International Training Course on Remote Sensing Education for Educators | Stockholm & Kiruna, Sweden | Govt. of Sweden BITS, SSC Satellitbild, Univ. of Stockholm | Global | F: 27<br>T: 27 | A/AC.105/526 |
| 96. | | 6-7 August | Workshop | Workshop on Remote Sensing Data Analysis, Methods and Applications | Washington D.C., USA | ISPRS | Global | | A/AC.105/545 |
| 97. | | 17 - 20 Aug. | Conference | International Conference on Satellite Remote Sensing for Resource Management, Environmental Assessment and Global Change Studies: Needs & Applications of Developing Countries | Boulder, Colorado, USA | Govt. of USA., NASA, NOAA, USGS, CIESIN | Global | F: 23<br>T: 150 | A/AC.105/527 |
| 98. | | 28 Sept. - 16 Oct. | Training Course | Fourth International Training Course on Remote Sensing Applications to Geological Sciences | Potsdam, Berlin, Germany | Govt. of Germany, Carl Duisberg Gesellschaft | Global | F: 12<br>T: 19 | A/AC.105/528 |
| 99. | | 12 - 30 Oct. | Training Course | Regional Training Course on the Use of Remote Sensing Systems in Hydrological and Agro-Meteorological Applications | Nairobi, Kenya | ESA, RCSSMRS | ECA, ESCWA | F: 6<br>T: 17 | A/AC.105/529 |
| 100. | | 2 - 13 Nov. | Workshop | Second Workshop on Basic Space Science | San José, Costa Rica & Bogota, Colombia | Govts. of Costa Rica and Colombia, ESA, TPS | ECLAC | F: 19<br>T: 122 | A/AC.105/530 |

| *No.* | *Year* | *Date* | *Type of event* | *Title of event* | *Place of event* | *Co-sponsors* | *Region of impact* | *Number of participants* F/T* | *United Nations document symbol* |
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| 101. | | 24 - 28 Nov. | Workshop | Workshop on Space Communications for Development | Seoul, Republic of Korea | Govt. of the Republic of Korea | ESCAP | F: 18<br>T: 86 | A/AC.105/531 |
| 102. | 1993 | 19 - 30 April | Training Course | Training Course for African Francophone Countries on Applications of ERS-1 Data for Natural Resources, Renewable Energy and the Environment | Frascati, Italy | ESA | ECA | F: 24<br>T: 24 | A/AC.105/556<br>A/AC.105/556/Add.1 |
| 103. | | 3 May - 4 June | Training Course | Third Training Course on Remote Sensing Education for Educators | Stockholm and Kiruna, Sweden | Govt. of Sweden BITS, SSC, Univ. of Stockholm | ECA | F: 26<br>T: 26 | A/AC.105/552 |
| 104. | | 10 - 12 May | Workshop | Workshop on Space Communications for Development | Athens, Greece | Govt. of Greece Eugenidis Foundation, OTE | Eastern Europe, Mediter-ranean | F: 26<br>T: 47 | A/AC.105/553 |
| 105. | | 17 - 21 May | Conference | Regional Conference on Space Science and Technology for Sustainable Development | Bandung, Indonesia | Govt. of Indonesia | ESCAP | F: 11<br>T: 182 | A/AC.105/557 |
| 106. | | 27 - 30 Sept. | Workshop | Workshop on Applications of Space Techniques to Prevent and Combat Natural Disasters | Mexico City, Mexico | Govt. of Mexico, ESA, Mexican Communications Institute | ECLAC | F: 19<br>T: 69 | A/AC.105/558 |
| 107. | | 10 Oct. - 6 Nov. | Training Course | Fifth Training Course on Remote Sensing Applications to Geological Sciences: The Planning and Management of the Environment; Natural Resources and Physical Infrastructure | Kathmandu, Nepal | Govt. of Germany, ESA, Carl Duisberg Gesellschaft | ESCAP | F: 19<br>T: 20 | A/AC.105/561 |
| 108. | | 15 - 17 Oct. | Workshop | Workshop on organizing space activities in developing countries: Resources and Mechanisms. | Graz, Austria | Govt. of Austria IAF | Global | F: 40 | A/AC.105/559 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
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| 109. | | 18 - 22 Oct. | Workshop | Third Workshop on Basic Space Science | Lagos, Nigeria | Govt. of Nigeria, ESA, DARA, International Centre for Theoretical Physics, NASA, NITEL(Nigerian Telecom.), TPS | Global | F: 18<br>T: 54 | A/AC.105/560<br>A/AC.105/560/Add.1 |
| 110. | | 25 - 29 Oct. | Conference | Regional Conference on Space Technology for Sustainable Development in Africa | Dakar, Senegal | Govt. of France WMO, ESA, UNDP, USGS, EOSAT, ESA, MacDonald Dettwiler, Telespazio | ECA | F: 38<br>T: 133 | A/AC.105/562 |
| 111. | 1994 | 18 - 28 April | Training Course | Training Course for Latin American and Caribbean Countries on Applications of the European Remote Sensing Satellite (ERS-1) Data for Natural Resources, Renewable Energy and the Environment | Frascati, Rome Italy | Govt. of Italy ESA, United Nations Trust Fund for New and Renewable Sources of Energy | ECLAC | F: 24<br>T: 24 | A/AC.105/594 |
| 112. | | 2 May - 10 June | Training Course | Fourth Training Course on Remote Sensing Education for Educators | Stockholm & Kiruna, Sweden | Govt. of Sweden SSC Satellitbild, Univ. of Stockholm | Global | F: 27<br>T: 27 | A/AC.105/581 |
| 113. | | 27 June - 1 July | Workshop | Fourth Workshop on Basic Space Science | Cairo, Egypt | Govt. of Egypt, ESA, TPS | ESCWA | F: 28<br>T: 95 | A/AC.105/580 |
| 114. | | 14 - 18 Sept. | Workshop | Workshop on Microwave Remote Sensing Applications | Beijing, China | Govt. of China ESA | ESCAP | F: 16<br>T: 85 | A/AC.105/588 |
| 115. | | 3 - 14 Oct. | Workshop/ Training Course | Workshop on Global Change and Training Course on Microwave Remote Sensing Applications | Lima, Peru | Govt. of Peru CONIDA, ESA, | ECLAC | F: 21<br>T: 24 | A/AC.105/596 |

| *No.* | *Year* | *Date* | *Type of event* | *Title of event* | *Place of event* | *Co-sponsors* | *Region of impact* | *Number of participants* F/T* | *United Nations document symbol* |
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| 116. | | 12 - 15 Sept. | Workshop | Workshop on Enhancing Social, Economic and Environmental Security through Space Technology | Graz, Austria | Govt. of Austria State of Styria, City of Graz, ESA | Global | F: 42 | A/AC.105/586 |
| 117. | | 6 - 9 Oct. | Symposium | Symposium on the Benefits of Space Technology for the Developing World: From Economic Growth to Environmental Protection | Jerusalem | Govt. of Israel IAF, ESA, CEC | Global | | A/AC.105/589 |
| 118. | 1995 | 27 Feb. - 3 March | Expert Meeting | Meeting of Experts on the Development of the Education Curricula for the Regional Centres for Space Science and Technology Education | Granada, Spain | Govt. of Spain University of Granada | Global | F: 26<br>T: 26 | A/AC.105/649 |
| 119. | | 2 May - 9 June | Training Course | Fifth International Training Course on Remote Sensing Education for Educators | Stockholm and Kiruna, Sweden | Govt. of Sweden BITS, SSC Satellitbild, Univ. of Stockholm | Global | F: 25<br>T: 25 | A/AC.105/617 |
| 120. | | 15 - 19 May | Training Course | Training Course on the Use of ERS-1 Data for the Mapping and Inventory of Natural resources in Africa | Libreville, Gabon | Govt. of Gabon, ESA | ECA | F: 13<br>T: 25 | A/AC.105/613 |
| 121. | | 22 - 26 May | Workshop | Workshop on Space Techniques to Prevent and Combat Disasters | Harare, Zimbabwe | Govt. of Zimbabwe, ERSI, ESA | ECA | F: 14<br>T: 69 | A/AC.105/610 |
| 122. | | 11 - 14 Sept. | Symposium | Symposium on Space Technology for Improving Life on Earth | Graz, Austria | Govt. of Austria Commission of European Communities, ESA | Global | T: 64 | A/AC.105/615 |
| 123. | | 28 Sept. - 1 Oct. | Workshop | UN/IAF Workshop on Space Technology for Health Care and Environmental Monitoring in the Developing World | Oslo, Norway | Govt. of Norway Commission of European Communities, ESA, IAF | Global | T: 77 | A/AC.105/612 |

| No. | Year | Date | Type of event | Title of event | Place of event | Co-sponsors | Region of impact | Number of participants* F/T | United Nations document symbol |
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| 124. | | 30 Oct. - 3 Nov. | Conference | Regional Conference on Space Technology for Sustainable Development | Puerto Vallarta, Mexico | Govt. of Mexico, IMC, ESA, Instituto de Geografía, Universidad Nacional Autónoma de Mexico | ECLAC | F: 31<br>T: 66 | A/AC.105/622 |
| 125. | | 13 - 24 Nov. | Training Course | International Training Course for Asia and the Pacific Countries on the Applications of ERS-1 Data to Natural Resources Renewable Sources of Energy & the Environment | Frascati, Italy | ESA, United Nations Trust Fund for New and Renewable Sources of Energy | Global | F: 14<br>T: 14 | A/AC.105/623 |
| 126. | | 20 - 24 Nov. | Conference | International Conference for Theoretical Physics on Optics in Space Science & Technology | Trieste, Italy | ICTP | Global | F: 15<br>T: 52 | A/AC.105/624 |
| 127. | 1996 | 11 - 14 Jan. | Workshop | Fifth Workshop on Basic Space Science. From small telescopes to space missions | Colombo, Sri Lanka | ESA, Arthur C. Clarke Centre for Modern Technologies, Govt. of Sri Lanka | ESCAP | F: 32<br>T: 74 | A/AC.105/640 |
| 128. | | 9 - 12 April | Conference | International Conference on Spin-Off Benefits of Space Technology: Challenges and Opportunities | Colorado Springs, Colorado, USA | Govt. of USA, NASA | Global | F: 18<br>T: 73 | A/AC.105/642 |
| 129. | | 22 - 26 April | Workshop | Workshop on Microwave Remote Sensing Applications | Manila, Philippines | ESA, Govt. of Philippines, NAMRIA | ESCAP | F: 20<br>T: 68 | A/AC.105/644 |
| 130. | | 6 May - 15 June | Training Course | Sixth Training Course on Remote Sensing Education for Educators | Stockholm and Kiruna, Sweden | Govt. of Sweden, BITS, SSC, Univ. of Stockholm | Global | F: 26<br>T: 26 | A/AC.105/643 |

| *No.* | *Year* | *Date* | *Type of event* | *Title of event* | *Place of event* | *Co-sponsors* | *Region of impact* | *Number of participants* F/T* | *United Nations document symbol* |
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| 131. | | 1 - 5 July | Workshop | Workshop on Space Technology to Prevent and Mitigate the Effects of Disasters | Santiago, Chile | ESA, Govt. of Chile, ONEMI, Comité de Asuntos Espaciales de Chile, Fuerza Aérea de Chile | ECLAC | F: 27<br>T: 289 | A/AC.105/655 |
| 132. | | 9 - 13 Sept. | Conference | International Conference on Small Satellites: Missions and Technology | Madrid, Spain | INTA, ESA, Govt. of Spain | Global | F: 17<br>T: 263 | A/AC.105/645 |
| 133. | | 9 - 12 Sept. | Symposium | Symposium on Space Technology Applications for the Benefit of Developing Countries | Graz, Austria | ESA, European Commission, Govt. of Austria | Global | T: 90 | A/AC.105/646 |
| 134. | | 9 - 13 Sept. | Workshop | Sixth Workshop on Basic Space Science: Ground Based and Space Borne Astronomy | Bonn, Germany | ESA, DARA, Max Planck Institute for Radio Astronomy, Govt. of Germany | Global | F: 30<br>T: 120 | A/AC.105/657 |
| 135. | | 3 - 6 Oct. | Workshop | Workshop on Education and Awareness: Space Technology and Applications in the Developing World | Beijing, China | ESA, IAF, Govt. of China | Global | F: 31<br>T: 93 | A/AC.105/656 |
| 136. | | 4 - 8 Nov. | Conference | Second Regional Conference on Space Technology for Sustainable Development in Africa | Pretoria, South Africa | Govt. of South Africa, ESA, EOSAT, Inmarsat, NASA, Nuova Telespazio | ECA | F: 30<br>T: 99 | A/AC.105/658 |
| 137. | 1997 | 5 May - 13 June | Training Course | Seventh International Training Course on Remote Sensing Education for Educators | Stockholm and Kiruna, Sweden | Govt. of Sweden, BITS, SSC, Univ. of Stockholm | Global | F: 27<br>T: 27 | A/AC.105/678 |

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| 138. | | 16 - 20 June | Workshop | Seventh Workshop on Basic Space Science: Small Astronomical Telescopes and Satellites in Education and Research | Tegucigalpa, Honduras | ESA | ECLAC | F: 24<br>T: 80 | A/AC.105/682 |
| 139. | | 8 - 11 Sept. | Symposium | Symposium on Space Industry Co-operation with the Developing World | Graz, Austria | ESA, Govt. of Austria | Global | F: 28<br>T: 96 | A/AC.105/683 |
| 140. | | 21 - 25 Sept. | Workshop | Workshop on Space Communication Technology for Capacity Building | Haifa, Israel | Govt. of Israel | Global | F: 13<br>T: 72 | A/AC.105/684 |
| 141. | | 2 - 5 Oct. | Workshop | Workshop on Space Technology as a Cost Effective Tool to Improve Infrastructures in Developing Countries | Turin, Italy | ESA, IAF, Govt. of Italy, European Commission | Global | F: 30<br>T: 120 | A/AC.105/686 |
| 142. | | 10 - 14 Nov. | Workshop | Workshop on Data Analysis Techniques | São José dos Campos, Brazil | ESA, INPE, Govt. of Brazil | Global | F: 17<br>T: 50 | A/AC.105/687 |
| 143. | | 24 Nov - 5 Dec. | Training Course | Fourth Training Course on Applications of the European Remote Sensing Satellite Data for Natural Resources, Renewable Energy and the Environment | Frascati, Italy | ESA, United Nations Trust Fund for New and Renewable Sources of Energy | ECA | F: 20<br>T: 20 | A/AC.105/688 |